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Dated: Mar 6, 2007 Signature: Laura McGinn  
(Laura McGinn)

Docket No.: 0109878.00141US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Adam J. Ferrari et al. Confirmation No.: 5569  
Application No.: 10/813,871 Art Unit: 2163  
Filed: March 31, 2004 Examiner: H. T. Vy  
Title: INTEGRATED APPLICATION FOR MANIPULATING CONTENT IN  
A HIERARCHICAL DATA-DRIVEN SEARCH AND NAVIGATION  
SYSTEM

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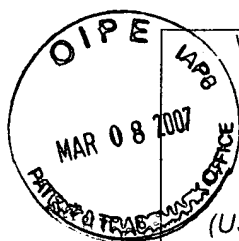
Respectfully submitted,

Dated: *March 4, 2007*



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WILMER CUTLER PICKERING HALE AND DORR LLP SUBT. FORM PTO-1449				DOCKET NUMBER 109878.141	APPLICATION NUMBER 10/813,871
INFORMATION DISCLOSURE IN AN APPLICATION  (USE SEVERAL SHEETS IF NECESSARY)				APPLICANT Ferrari et al.	
				FILING DATE March 31, 2004	GROUP ART UNIT 2171
SHEET	1	OF	1		

U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,360,227 B1	03/19/2002	Aggarwal et al.	707	102	01/29/1999
	6,571,282 B1	05/27/2003	Bowman-Amuah	709	219	08/31/1999

Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		

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PTO/SB/08A/B (09-06)

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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/813,871-Conf. #5569	
			Filing Date	March 31, 2004	
			First Named Inventor	Adam J. Ferrari	
			Art Unit	2163	
			Examiner Name	H. T. Vy	
Sheet	1	of	3	Attorney Docket Number	0109878.00141US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-2002/0051020-A1	05-02-2002	Ferrari et al.	
	AB*	US-2002/0099675-A1	07-25-2002	Agrafiotis et al.	
	AC*	US-2003/0110181-A1	06-12-2003	SCHUETZE et al.	
	AD*	US-2004/0205448-A1	10-14-2004	Grefenstette et al.	
	AE*	US-2005/0022114-A1	01-27-2005	Shanahan et al.	
	AF*	US-2005/0097088-A1	05-05-2005	Bennett et al.	
	AG*	US-5,671,404	09-23-1997	Lizee et al.	
	AH*	US-5,724,571	03-03-1998	Woods	
	AI*	US-6,345,273	02-05-2002	Cochran	
	AJ*	US-6,360,277	03-19-2002	Ruckley et al.	
	AK*	US-6,363,377	03-26-2002	Kravets et al.	
	AL*	US-6,385,602-B1	05-07-2002	Tso et al.	
	AM*	US-6,424,983	07-23-2002	Schabes et al.	
	AN*	US-7,093,200-A1	08-15-2006	Schreiber et al.	
	AO*	US-7,099,885-A1	08-29-2006	Hellman et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	AGOSTI, M., et al. "Issues of Data Modelling in Information Retrieval" Electronic Publishing, (1991), Vol. 4(4) pp. 219-237	
	CB	ALLEN, R.B., "Retrieval From Facet Spaces" Electronic Publishing (1995), Vol. 8(2&3), pp. 247-257	
	CC	ALLEN, R.B., "Two Digital Library Interfaces That Exploit Hierarchical Structure" Electronic Publishing (1995) 8 pages	
	CD	CAREY, M. et al., "Info Navigator: A Visualization Tool for Document Searching and Browsing", Proceedings International Conference Distributed Multimedia Systems, pp. 23-28, (DMS Sep 2003), 2003	
	CE	CILIBRASI, R. et al., "Automatic Meaning Discovery Using Google", 31 Pages, <a href="http://www.bsik-bricks.nl/events/ab/google_abstract.shtml">www.bsik-bricks.nl/events/ab/google_abstract.shtml</a> , <a href="http://www.arxiv.org/abs/cs.CL0412098">www.arxiv.org/abs/cs.CL0412098</a> , (2004)	
	CF	ELLIS, GP et al., "HIBROWSE for Hotels: bridging the gap between user and system views of	

Examiner Signature		Date Considered	
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Substitute for form 1449/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			Application Number	10/813,871-Conf. #5569	
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			Examiner Name	H. T. Vy	
Sheet	2	of	3	Attorney Docket Number	0109878.00141US1

		a database", extracts from a paper giving an overview of the HIBROWSE for Hotels application, <a href="http://web.archive.org/web/19991109234626/http://.hud.ac.uk/schoo...">http://web.archive.org/web/19991109234626/http://.hud.ac.uk/schoo...</a> 4 pages	
CG	HEARST, M. et al., "Integrating Browsing & Search Relevance Feedback", SIMS 202, UC Berkeley SIMS, Fall 1999, 2 pages		
CH	HEARST, M. et al., "Using MetaData in Search: Combining Browsing and Search", 39 slides, <a href="http://www2.sims.berkeley.edu/courses/is202/f98/Lecture27/sld001.htm">http://www2.sims.berkeley.edu/courses/is202/f98/Lecture27/sld001.htm</a>		
CI	HEARST, M., "Chapter 10: User Interfaces and Visualization", Modern Information Retrieval, Yates and Ribeiro-Neto, (1999), pp. 257-340		
CJ	HEARST, M., et al. "Cat-a Cone: An Interactive Interface for Specifying Searches and Viewing Retrieval Results Using A Large Category Hierarchy" Ann. Int. ACM-SIGIR Conf. On Res. And Dev. In Information Retrieval, (1997) pp. 246-255		
CK	HILLSTON, J. et al., "Management by Exception: an expert system approach", Expert Systems for Information Management, Vol. 3, No. 1, pp. 1-69, 1990		
CL	<a href="http://www.searchtools.com/tools/endeca.html">http://www.searchtools.com/tools/endeca.html</a> , Search Tools Product Report, "Endeca Faceted Metadata Search and Browse", 2 pages, updated 10 July 1993		
CM	MILLS, J., "The Problem of arrangement in a library", A Modern Outline of Library Classification 1960, 5 pages		
CN	POLLITT, A. S. et al., "View-based searching systems - a new paradigm for information retrieval based on faceted classification and indexing using mutually constraining knowledge-based views", The Interface Design, 6 pages		
CO	POLLITT, A. S., "MenUse for Medicine: End-User Browsing and Searching of MEDLINE via the MeSH Thesaurus", Int. Forum Inf. and Docum., Vol. 13, No. 4, pp. 11-17, October 1998		
CP	POLLITT, A. Steven, "Faceted-Classification as Pre-Coordinated Subject Indexing: Multi-Dimensional Searching for OPAC Users", Oslo College, 6-7 May 1998		
CQ	POLLITT, A.S. et al., (1993) Multilingual access to document databases CAIS/ACSI '93 Information as a Global Commodity - Communication, Processing and Use. Proceedings of the 21st Annual Conference of the Canadian Association for Information Science, pp. 128-140 Antigonish, Nova Scotia, Canada, CAIS, July 1993		
CR	POLLITT, A.S., "A rule-based system as an intermediary for searching cancer therapy literature on MEDLINE", Intelligent Information Systems: Progress and Prospects, pp. 82-126, 1986		
CS	POLLITT, A.S., "An Expert Systems Approach to Document Retrieval, A thesis submitted to the Council for National Academic Awards in partial fulfilment of the requirements for the degree Doctor of Philosophy", May 1986		
CT	POLLITT, A.S., "Expert Systems and the Information Intermediary: Tackling Some of the Problems of Naive End-User Search Specification and Formulation", Intelligent Information Systems for the Information Society, pp. 100-108, 1986		
CU	POLLITT, A.S., "Information Storage and Retrieval Systems, Origin, Development and Applications, Ellis Horwood Books in Information Technology, 1989		
CV	POLLITT, A.S., "MenUSE for Medicine: End-User Browsing and Searching of MEDLINE via the MeSH Thesaurus", pp. 547-573, 1988		
CW	POLLITT, A.S., "Reducing complexity by rejecting the consultation model as a basis for the design of expert systems", Expert Systems, Vol. 3, No. 4, pp. 234-238, October 1986		
CX	POLLITT, A.S., "Taking a different view", British Library research, Library Technology, Vol. 1, No. 1, 1996		
CY	POLLITT, A.S., "The key role of classification and indexing in view-based searching", Centre for Database Access Research, University of Huddersfield, UK, Abstract, 8 pages		
CZ	POLLITT, et al. "HIBROWSE For Bibliographic Databases" Journal of Information Science.		

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Sheet	3	of	3	Attorney Docket Number	0109878.00141US1

		(1994), Vol. 20 (6), pp. 413-426	
	CA1	POLLITT, Example from EMBASE entitled "Screen Shots from View-based searching with HIBROWSE", (1998)	
	CB1	POLLITT, excerpt from "Prospects for using Dewey Classification in a View-based Searching OPAC Dewey Decimel Classification: Possibilities in View-based Searching OPAC", (1998)	
	CC1	POLLITT, S., "CanSearch: An Expert Systems Approach to Document Retrieval", Information Processing & Management, Vol. 23, No. 2, pp. 119-138, 1987	
	CD1	POLLITT, S., Screenshots from "View-based searching with HIBROWSE", <a href="http://www.jbi.hio.no/bibin/kurs/korg98/oslo2.ppt">http://www.jbi.hio.no/bibin/kurs/korg98/oslo2.ppt</a> , 10 pages	
	CE1	PRISS, U. et al., "Utilizing Faceted Structures for Information Systems Design", School of Library and Information Science, Indiana University Bloomington, pp. 1-12	
	CF1	SHAMOS et al., "Closest-point problems", Proceedings of the 16th Annual Symposium on Foundations of Computer Science, IEEE (1975)	
	CG1	TREGLOWN, M. et al., "HIBROWSE for Bibliographic Databases: A study of the application of usability techniques in view-based searching", British Library Research and Innovation Report 52, The University of Huddersfield, April 1997	
	CH1	Yahoo!, Copyright 1999 Yahoo! Inc., <a href="http://web.archive.org/web/19991116151216/http://www4.yahoo.com/">http://web.archive.org/web/19991116151216/http://www4.yahoo.com/</a> .	

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